



JCO2 Rec'd PCT/ 01 JUN 2005 *PCT*

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q86578

Young-Ho MOON, et al.

Appl. No.: 10/526,158

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: March 1, 2005

For: METHOD FOR THE PREPARATION OF HIGHLY PURE 1-ANDROSTENE  
DERIVATIVES

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. U.S. Patent No. 4,760,071 issued July 26, 2988, to Rasmusson et al.
2. U.S. Patent No. 5,084,574 issued January 28, 1992, to Bhattacharya et al.
3. U.S. Patent No. 5,091,534 issued February 25, 1992, to King et al.
4. U.S. Patent No. 5,116,983 issued May 26, 1992, to Bhattacharya et al.
5. European Patent Application No. 0 298 652 A2 published January 11, 1989, to Merck & Co., Inc.
6. European Patent Application No. 0 428 366 A2 published May 22, 1991, to Merck & Co., Inc.

MOON et al.  
U.S. Appl. No.: 10/526,158  
INFORMATION DISCLOSURE STATEMENT

7. European Patent Application No. 0 473 225 A2 published March 4, 1992, to Merck & Co., Inc.
8. Gary H. Rasmusson et al., "Azasteroids as Inhibitors of Rat Prostatic 5 $\alpha$ -Reductase", *J. Med. Chem.*, Vol. 27, 1984, pp. 1690-1701.

One copy of each of the listed documents is submitted herewith, except for the U.S.

patents.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

MOON et al.  
U.S. Appln. No.: 10/526,158  
INFORMATION DISCLOSURE STATEMENT

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.


Respectfully submitted,

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Substitute for Form 1449 A &amp; B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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MODIFIED PTO/SB/08 A &amp; B (06-03)

Complete if Known

Application Number 10/526,158  
 Confirmation Number Unknown  
 Filing Date March 1, 2005  
 First Named Inventor Young-Ho MOON  
 Art Unit Unknown  
 Examiner Name Unknown  
 Attorney Docket Number Q86578

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 4,760,071		07/26/1988	Rasmusson et al.
		US 5,084,574	A	01/28/1992	Bhattacharya et al.
		US 5,091,534	A	02/25/1992	King et al.
		US 5,116,983	A	05/26/1992	Bhattacharya et al.
		US			
		US			
		US			
		US			
		US			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>4</sup>
		Country Code <sup>2</sup>	Number <sup>3</sup>	Kind Code <sup>2</sup> (if known)			
		EP	0 298 652	A2	01/11/1989	Merck & Co. Inc.	
		EP	0 428 366	A2	05/22/1991	Merck & Co. Inc.	
		EP	0 473 225	A2	03/04/1992	Merck & Co. Inc.	

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>4</sup>
		Gary H. Rasmusson et al., "Azasteroids as Inhibitors of Rat Prostatic 5 $\alpha$ -Reductase", <i>J. Med. Chem.</i> , Vol. 27, 1984, pp. 1690-1701	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with text communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.